

**METHOD, APPARATUS AND SYSTEM FOR IMPROVED  
INTER-DOMAIN ROUTING CONVERGENCE**

**ABSTRACT OF THE DISCLOSURE**

5           A method and apparatus for improved inter-domain routing convergence,  
include transmitting reason information associated with a route update or  
withdraw. An apparatus receiving the reason information associated with the  
update or withdraw uses the reason information to determine which of its  
candidate routes are also affected by substantially the same event that  
10 triggered the initial route update or withdraw and which of its candidate routes  
are not affected. For example, a candidate route may be considered to be  
transient if the apparatus receiving the reason information determines from the  
received reason information that a candidate route is going to be updated or  
withdrawn in the near future due. A candidate route considered as a transient  
15 route is avoided being advertised as a preferred route.